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PATENTS	
To: Assistant Commissioner for Patents	Atty Docket No. 550-18314
Serial/Patent No. 01-78345	Date Mailed 7-23-02
Filing date 2-14-02	Attorney 18
Inventor(s) Y IGA CASHT, et al.	
Title: WIRE COMMUNICATIONS SERVICE	

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On : July 23, 2002

By 

Eric L. Maldonado

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Attorney Docket No. 100794-11658 (FUJO 18.314)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Yoichiro IGARASHI, et al.

Serial No.: 09/783,185

Filed: February 14, 2001

Title: **MOBILE COMMUNICATIONS SERVICE PROVIDING...**

Examiner:

Art Unit:

July 23, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information, which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed within three months of a search report, no fee is due.

Attached is a copy of a International Search Report dated July 10, 2002 from the corresponding International Patent Application. All of the documents listed in Form PTO-1449 appear in the International Search Report.


Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

**Any fee due with this paper may be charged on Deposit Account 50-1290.**

Respectfully submitted,

  
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1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 09/783,185
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <u>Sheet 1 of 1</u>		Filing Date : February 14, 2001
		First Named Inventor: Y. IGARASHI
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJO 18.314

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		5,915,220		CHELLIAH	06/22/1999	

### FOREIGN DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

### Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
	✓	C. PERKINS, "MOBILE IP AND SECURITY ISSUE: AN OVERVIEW" XP002175231: 10/25/1999, pp. 131-148	
	✓	C. RIGNEY, "RFC 2058: REMOTE AUTHENTICATION DIAL IN USER SERVICE (RADIUS)" XP-002203019: JANUARY 1997, pp. 1-64	
	✓	T.F. La PORTA, et al., "MOBILE IP AND WIDE AREA WIRELESS DATA" XP-002145005: SEPTEMBER 1999, pp. 1528-1532	
	✓	"3 <sup>rd</sup> GENERATION PARTNERSHIP PROJECT; TECHNICAL SPECIFICATION GROUP SERVICES AND SYSTEM ASPECTS; COMBINED GSM AND MOBILE IP MOBILITY HANDLING IN UMTS IP CN (3G TR 23.923 VERSION 1.0.0) XP-002203015: OCTOBER 1999, pp. 1-73	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>1</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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